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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,505	01/09/2002	Lanny L. Johnson	265733	9188

7590

04/22/2004

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EXAMINER

MAYNARD, JENNIFER J

ART UNIT	PAPER NUMBER
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3763

DATE MAILED: 04/22/2004

4

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/043,505

Applicant(s)

JOHNSON, LANNY L.

Examiner

Jennifer J Maynard

Art Unit

3763

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2 & 3</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 3, 5 and 7 are rejected under 35 U.S.C. 102(b) as being anticipated by Lerman (US 5,941,859 A).

Lerman discloses a delivery device for liquid, comprising a source, which may be a syringe (see Column 4, lines 26-30), or a pressurized irrigant fluid (30, 32); a delivery member (10C, 12C, 14C) detachably joined to a discharge port (not shown, but must fit within the confines of irrigation tube (12C)) of the source, the member including a fluted, open-ended distal portion (10C) having a cross-sectional area substantially greater than a cross-sectional area of the discharge port for delivering pressurized liquid or gas supplied by the source into tissue by means of perfusion; wherein the delivery member comprises spaced inner and outer walls (10C', 10C'') at the distal portion of the delivery member; wherein the outer wall includes a suction port (16C).

Claims 1 and 2 are rejected under 35 U.S.C. 102(b) as being anticipated by Behney (US 3,392,725 A).

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Behney discloses a delivery device for liquid, comprising a source (50) of the liquid; a delivery member (10, 12, 14, 16, 22) detachably joined to a discharge port (60, 62, 74) of the source, the member including a fluted, open-ended distal portion (12) having a cross-sectional area substantially greater than a cross-sectional area of the discharge port for delivering pressurized liquid or gas supplied by the source into tissue by means of perfusion; wherein the fluted portion has a rounded outer edge (18).

Claims 1, 2 and 7 are rejected under 35 U.S.C. 102(e) as being anticipated by Morse (US 6,210,381 B1).

Morse discloses a delivery device for liquid, comprising a source (21, 124, 224, 324, 424) of the liquid; a delivery member (23, 123, 223, 323, 423) detachably joined to a discharge port (25, 126, 226, 326, 426) of the source, the member including a fluted, open-ended distal portion (37) having a cross-sectional area substantially greater than a cross-sectional area of the discharge port for delivering pressurized liquid or gas supplied by the source into tissue by means of perfusion; wherein the fluted portion has a rounded outer edge (39).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2, 4 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lerman (US 5,941,859 A) in view of Morse (US 6,210,381 B1).

Lerman discloses the invention as claimed with the exception of the inner and outer walls comprising rounded outer edges.

Morse discloses a delivery device for liquid, comprising a source (21, 124, 224, 324, 424) of the liquid; a delivery member (23, 123, 223, 323, 423) detachably joined to a discharge port (25, 126, 226, 326, 426) of the source, the member including a fluted, open-ended distal portion (37) having a cross-sectional area substantially greater than a cross-sectional area of the discharge port for delivering pressurized liquid or gas supplied by the source into tissue by means of perfusion; wherein the fluted portion has a rounded outer edge (39, 49).

It would have been obvious to one having ordinary skill in the art to have modified Lerman's outer edges with rounded perimeter edges as taught by Morse, so as to reduce the risk of damaging the already compromised area.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer J Maynard whose telephone number is 703.305.1356. The examiner can normally be reached on Mondays-Fridays 9:30 AM-5:30 PM; 1st Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Casler can be reached on 703.308.3552. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J Maynard 


LOAN H. THANH
PRIMARY EXAMINER